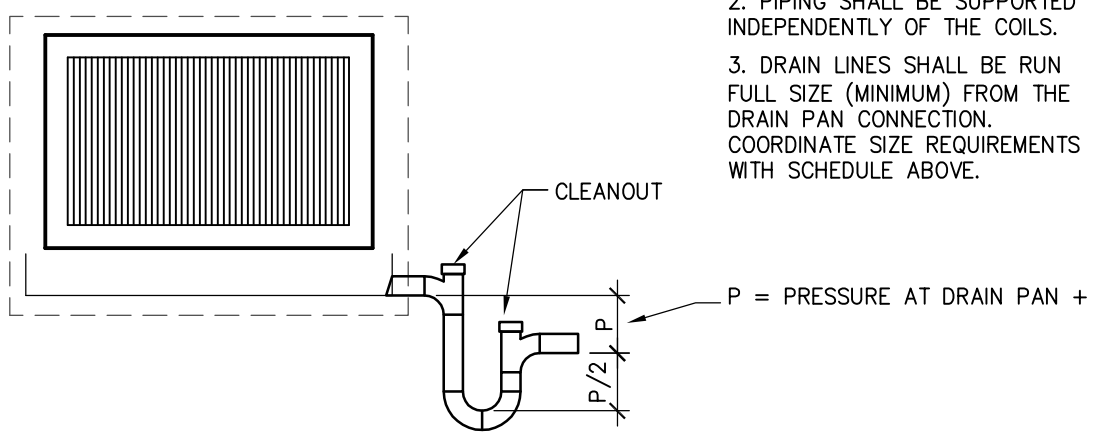


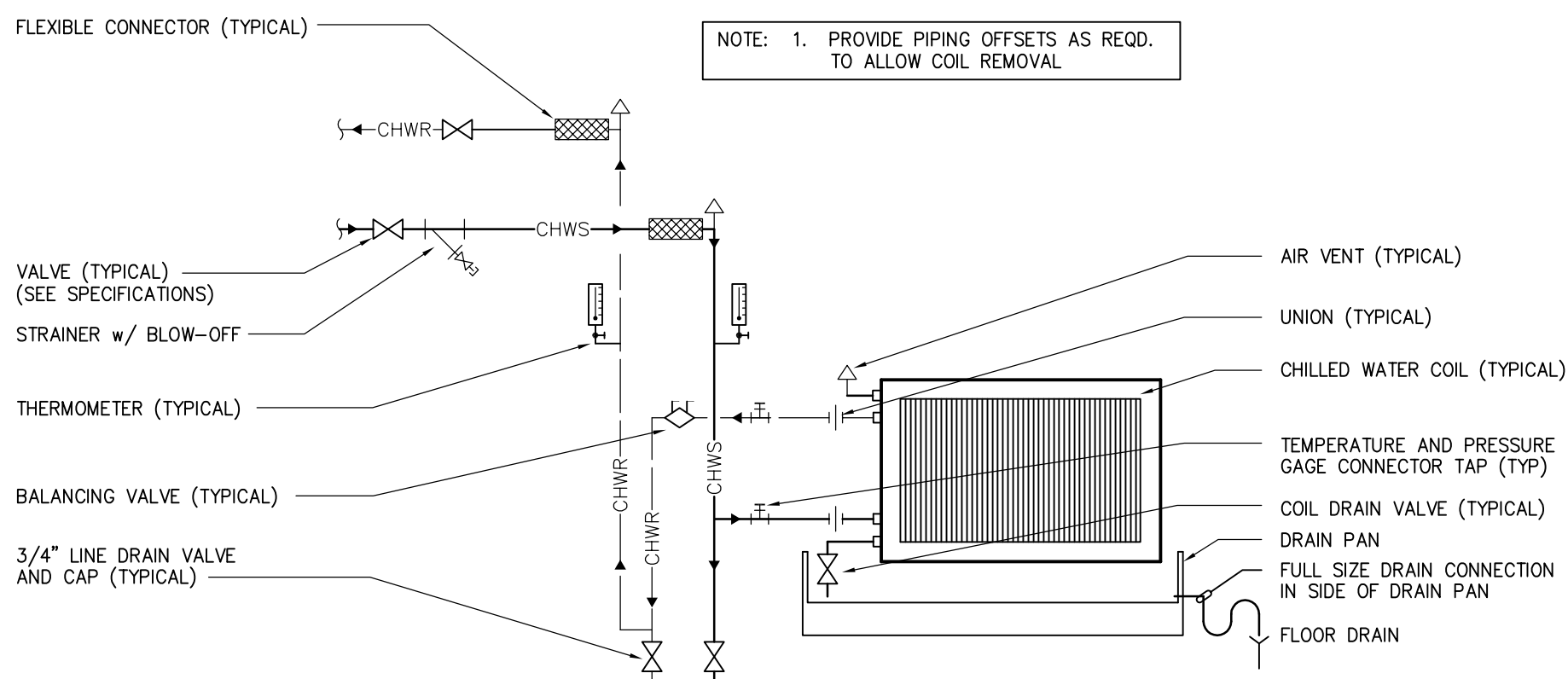
CONDENSATE DRAIN PIPE SCHEDULE		
MINIMUM PIPE SIZE	EQUIPMENT CAPACITY	REMARKS
3/4"	UP TO 3 TONS OF REFRIGERATION	
1"	OVER 3 TONS AND UP TO 20 TONS OF REFRIGERATION	
1 1/4"	OVER 20 TONS AND UP TO 90 TONS OF REFRIGERATION	
1 1/2"	OVER 90 TONS AND UP TO 125 TONS OF REFRIGERATION	
2"	OVER 125 TONS AND UP TO 200 TONS OF REFRIGERATION	

NOTE:
1. PIPING SHALL SLOPED IN THE DIRECTION OF FLOW AT 1/8" PER FOOT MINIMUM.
2. PIPING SHALL BE SUPPORTED INDEPENDENTLY OF THE COILS.
3. DRAIN LINES SHALL BE RUN FULL SIZE (MINIMUM) FROM THE DRAIN PAN CONNECTION. COORDINATE SIZE REQUIREMENTS WITH SCHEDULE ABOVE.

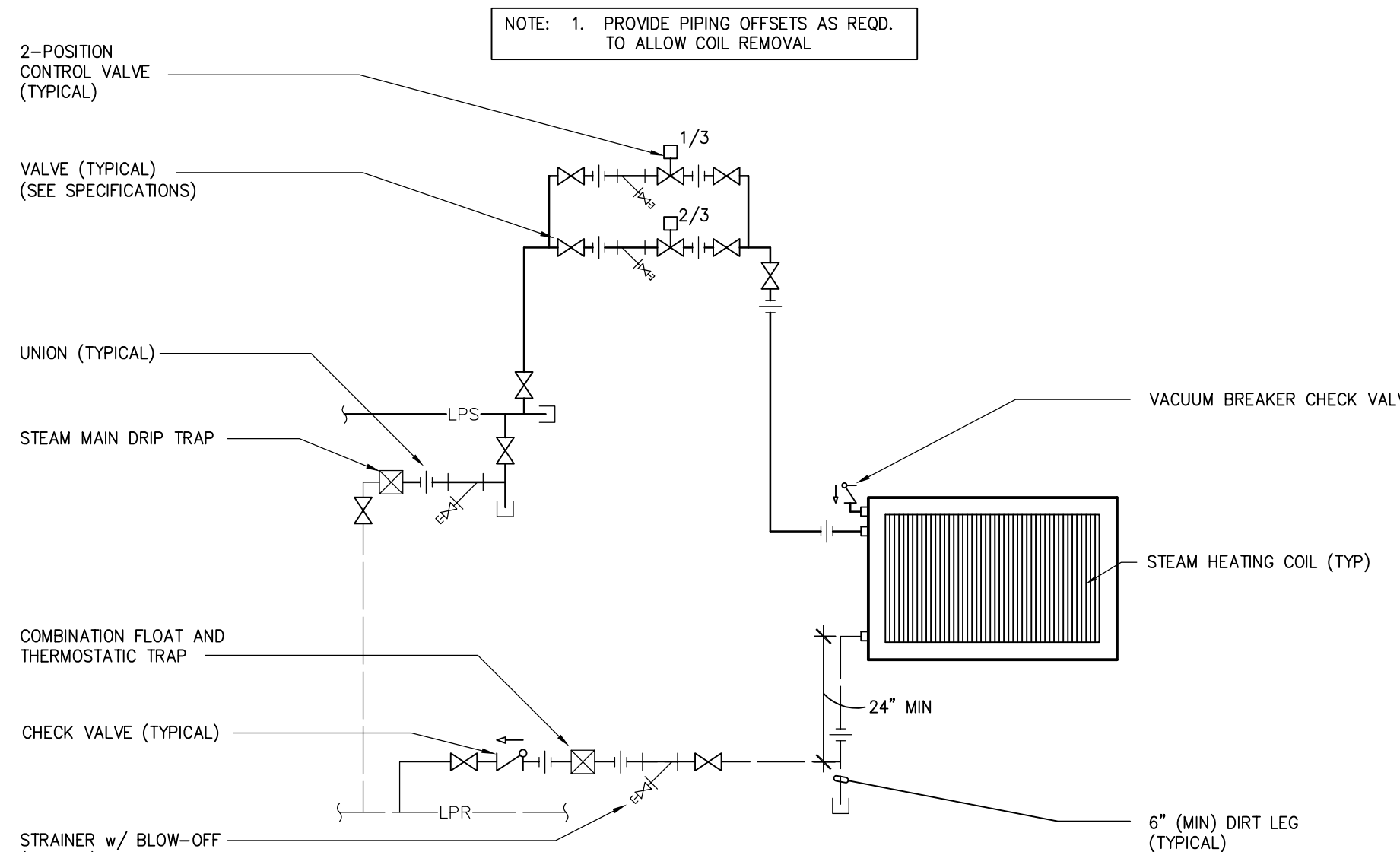


SEAL AND DRAINAGE TRAP DEPTH

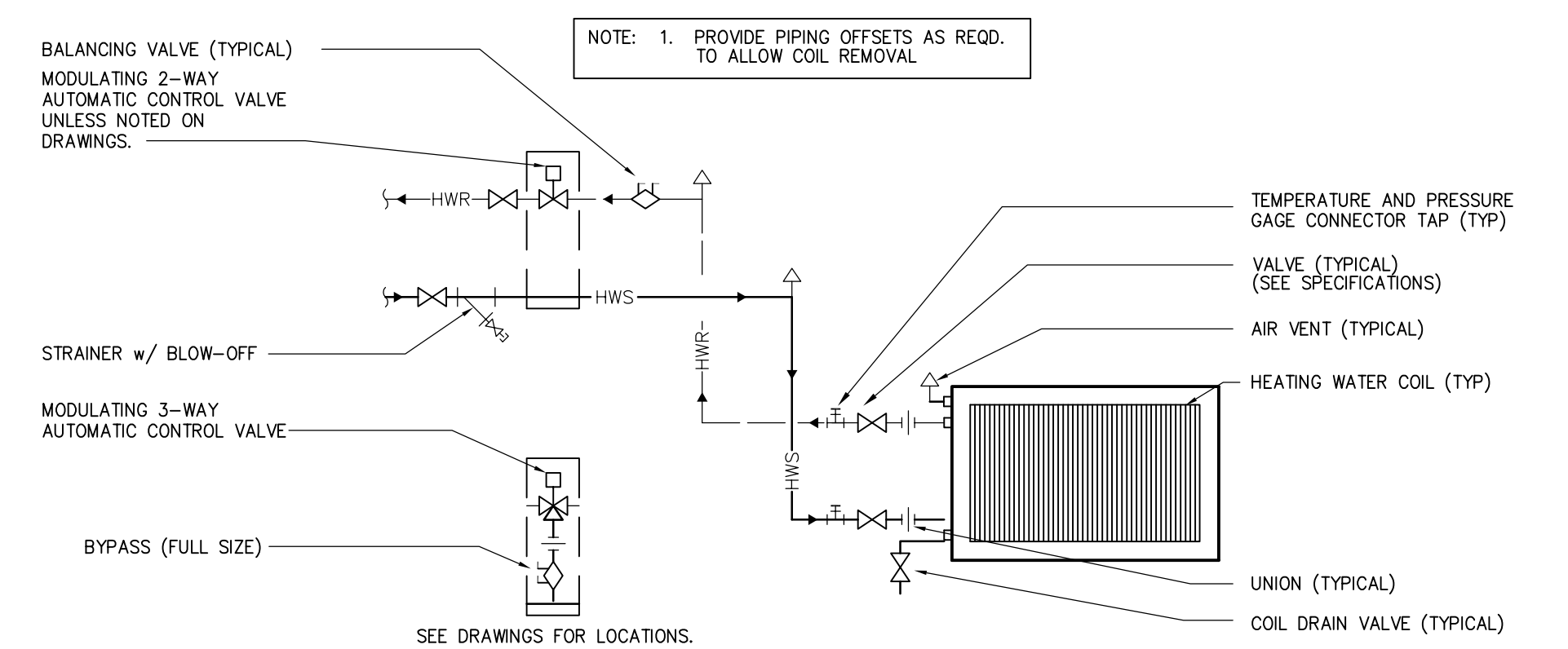
① DRAIN PAN TRAP SIZE & PIPING DETAIL
NOT TO SCALE 15720-A-01



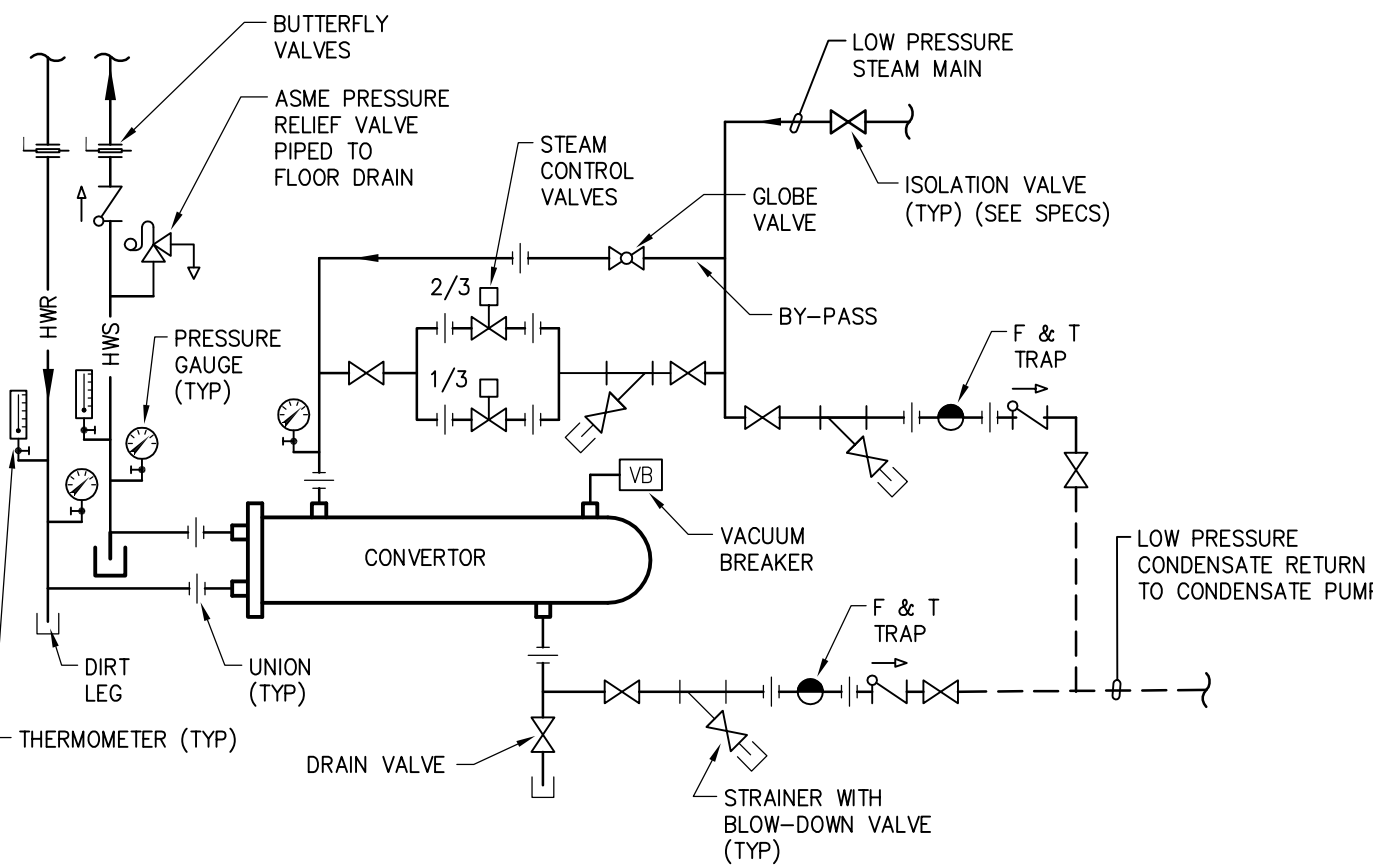
② AHU CHILLED WATER COIL PIPING DETAIL
NOT TO SCALE 15720-B-01



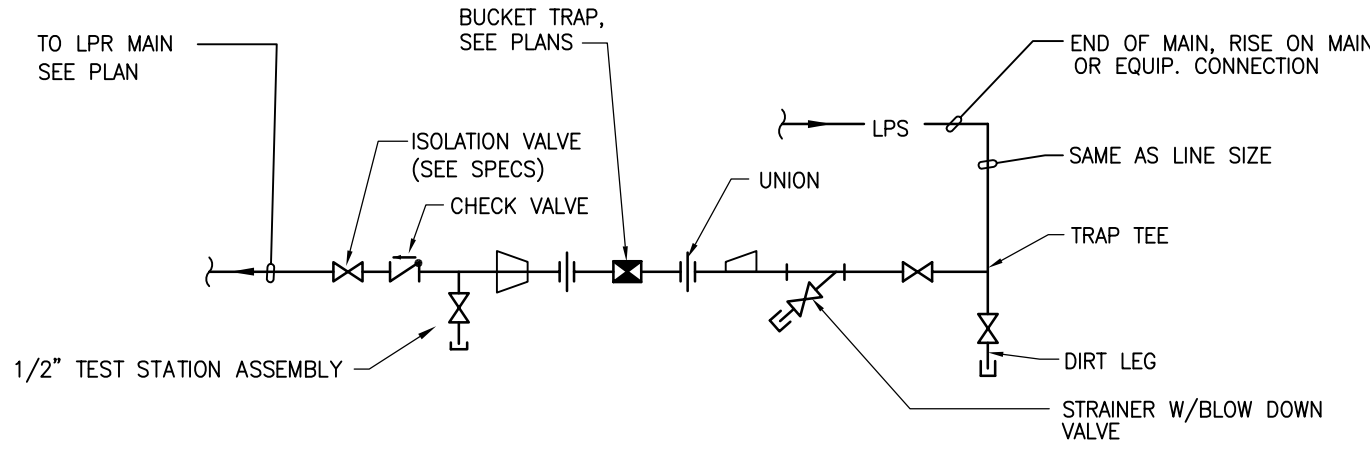
③ AHU STEAM HEATING COIL PIPING DETAIL
NOT TO SCALE 15720-C-03



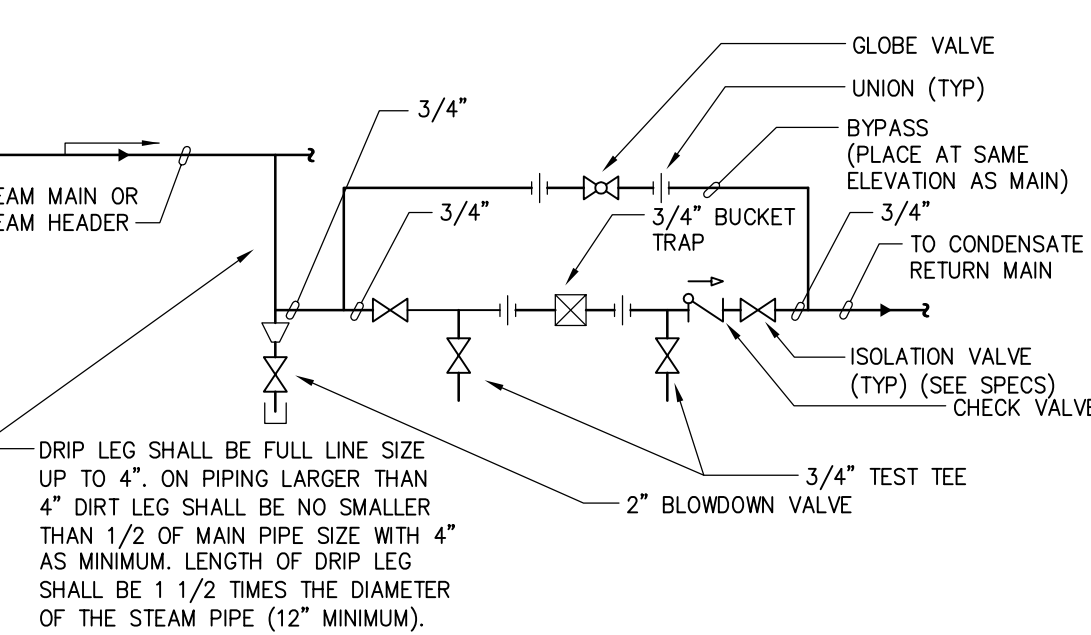
④ TERMINAL UNIT HEATING WATER COIL PIPING DETAIL
NOT TO SCALE 15845-A-04



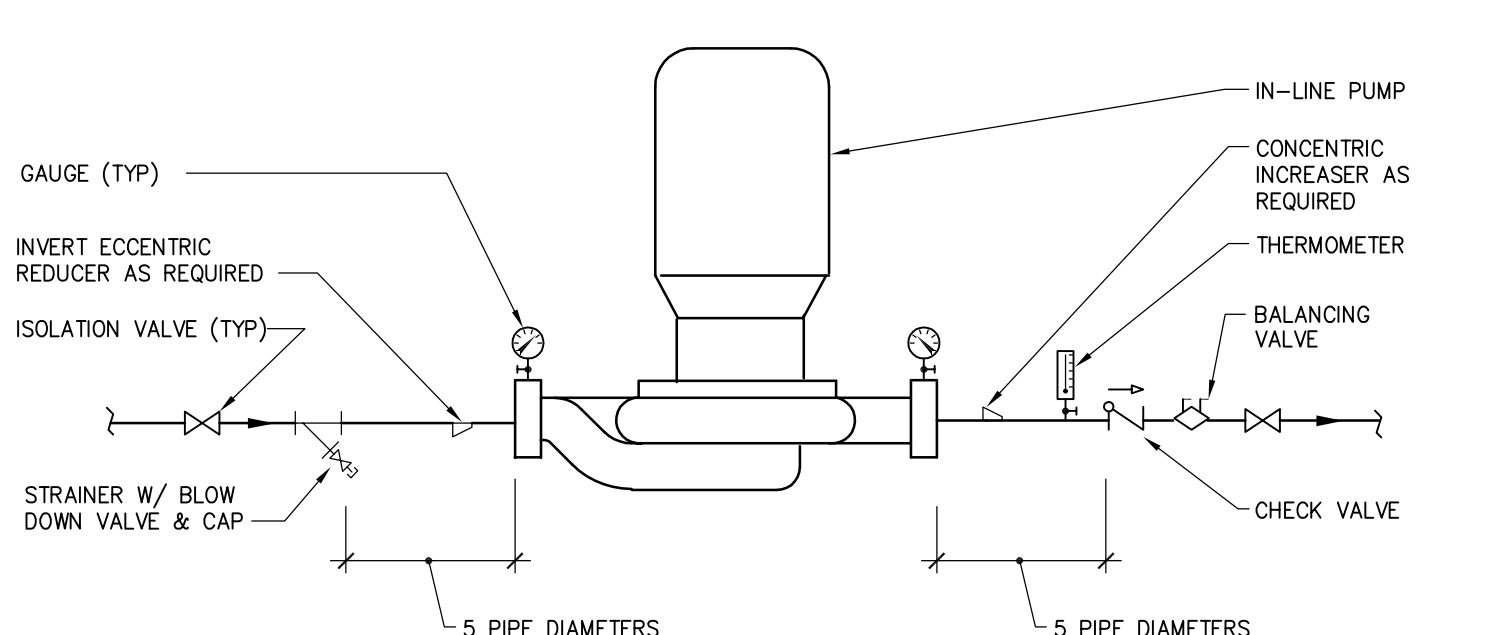
⑤ HOT WATER HEATER CONVERTOR PIPING DIAGRAM
NOT TO SCALE 15712-A-01



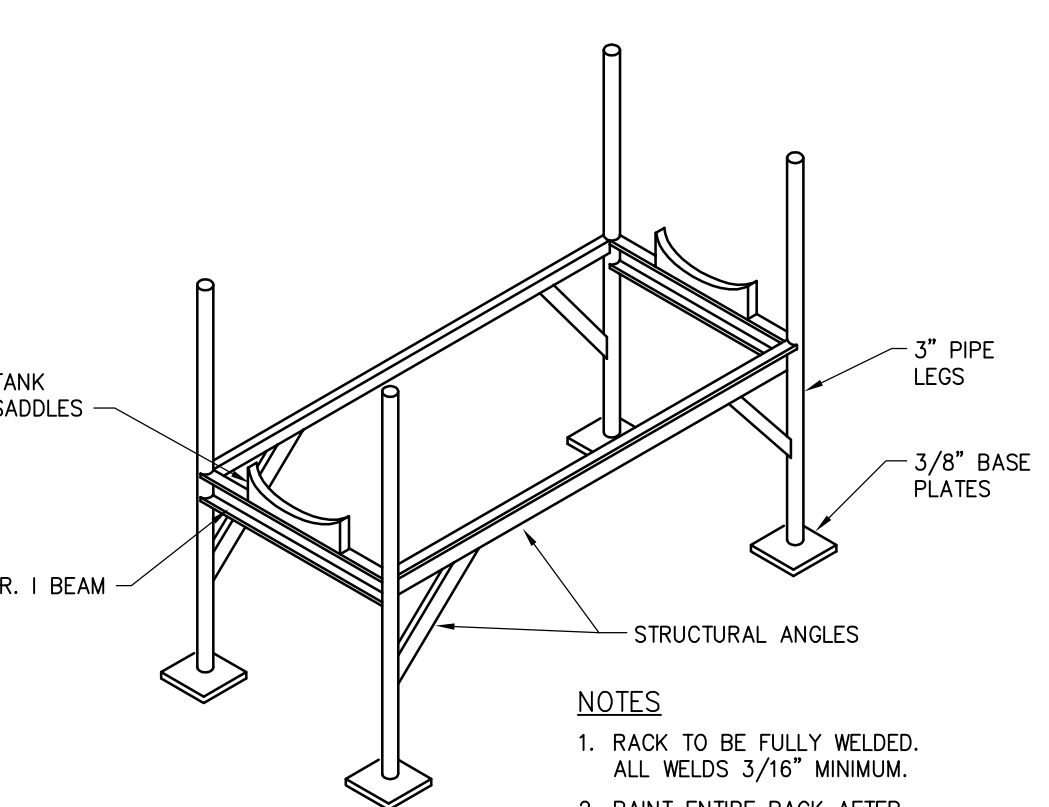
⑥ DETAIL OF THE LOW PRESSURE END OF MAIN OR EQUIPMENT DRIP ASSEMBLY
NOT TO SCALE 15123-C-01



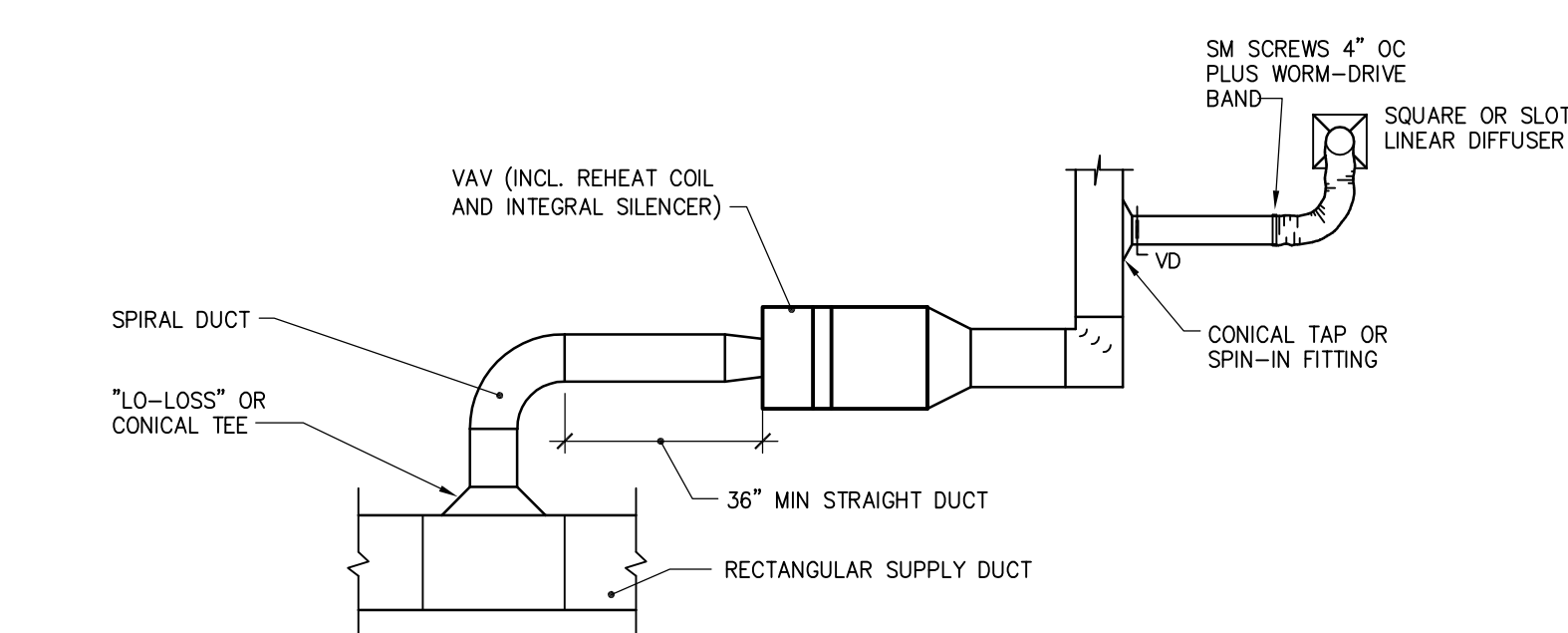
⑦ END OF MAIN DRIP ASSEMBLY
NOT TO SCALE



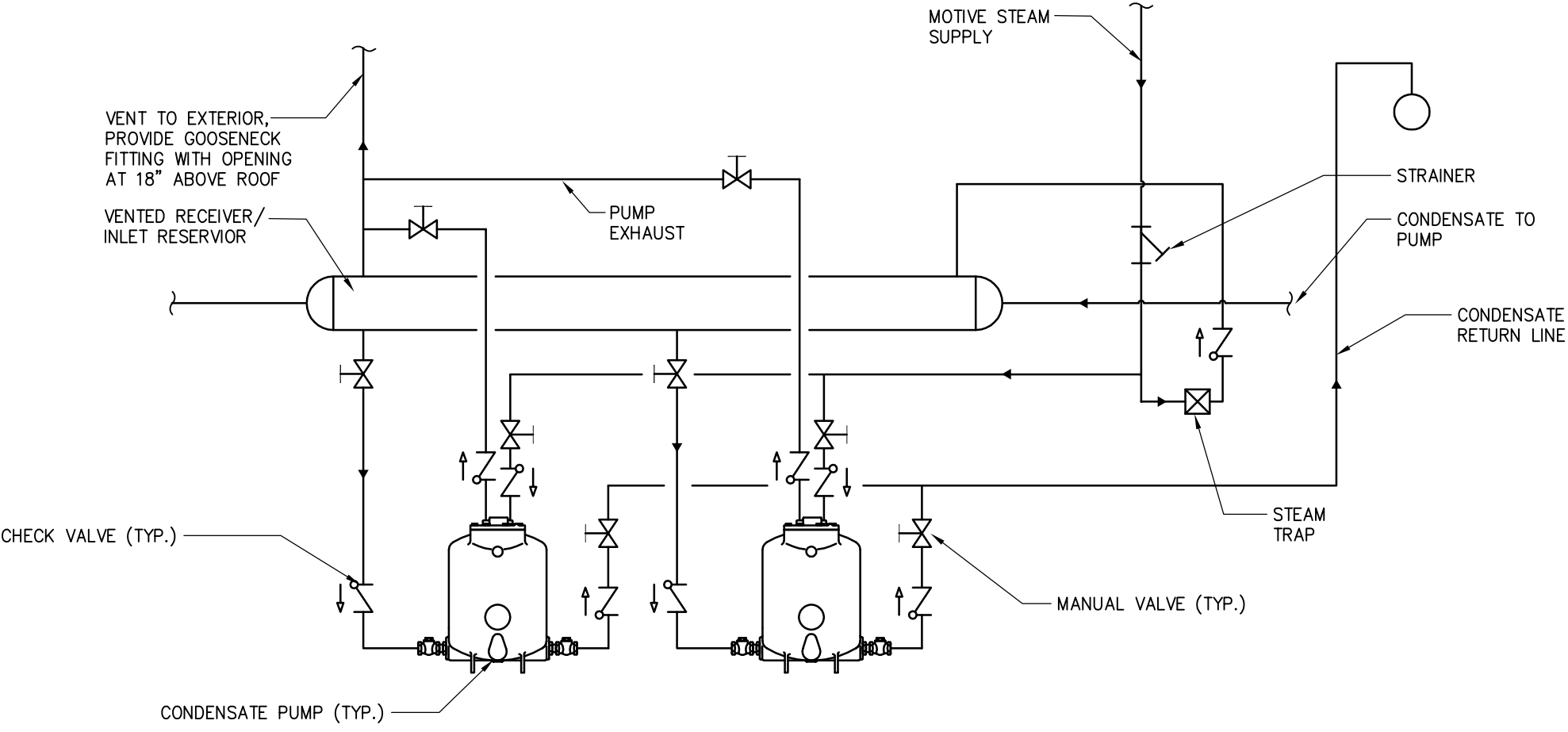
⑧ PIPING DIAGRAM - IN-LINE PUMP
NOT TO SCALE 15130-B-02



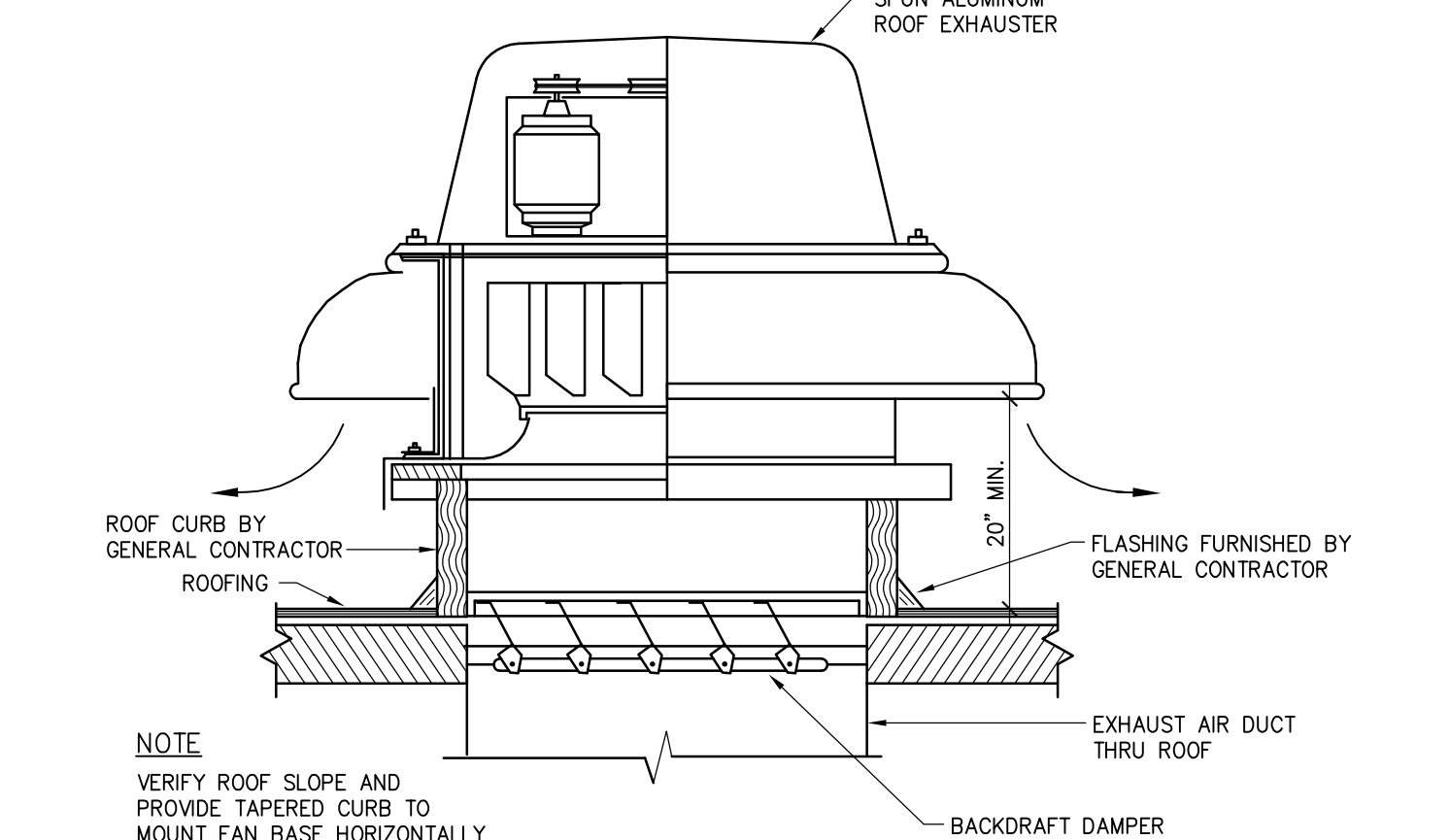
⑨ CONVERTOR & TANK SUPPORT RACK
NOT TO SCALE 23 5718-A-02



⑩ TYPICAL VAV BOX DUCTWORK
NOT TO SCALE



⑪ PUMPING DIAGRAM - PUMPING TRAP
NOT TO SCALE



⑫ EXHAUST FAN MOUNTING DETAIL
NOT TO SCALE 15830-C-01

Revisions	Date

SHIVEHATTERY
ARCHITECTURE+ENGINEERING
2834 Northgate Drive | Iowa City, Iowa 52245
319.354.3040 | fax: 319.354.6921 | shive-hattery.com
Iowa | Illinois | Missouri

Drawing Title MECHANICAL DETAILS		Project Title RENOVATE AND EXPAND SPACE FOR PATIENT SUPPORT AREAS		Date 12-05-2014 CONSTRUCTION DOCUMENTS	
Approved: Division Chief		Building Number 2	Checked TRF	Drawn MSJ	Project No. DVA#636-311 S-H#110240-0
Approved: Service Director		Location IOWA CITY VA HEALTH CARE SYSTEM IOWA CITY, IOWA			DRAWING NO. 2-H9 Dwg. 21 of 24

Veterans
Administration

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